

IN THE CLAIMS:

This listing of the claims replaces all prior versions and listings of the claims in this application.

The text of all pending claims (including any withdrawn claims) is set forth below. Canceled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (Original), (Currently amended), (Canceled), (Withdrawn), (Previously presented), (New), and (Not entered).

Please AMEND claims 1, 3-15, and 18-23, CANCEL claims 16, 17, 24, and 25 without prejudice or disclaimer, and ADD new claims 26-28 in accordance with the following:

1. (Currently amended) A reproducing method ~~of reproducing~~ audio-video (AV) data in ~~an interactive mode~~ using a reproducing apparatus, the method comprising:
selecting an interactive mode of the reproducing apparatus in which the reproducing apparatus reproduces the AV data to display an AV picture, and reproduces interactive data to display an interactive picture in which the AV picture is embedded, the interactive data comprising additional contents in a plurality of different natural languages, the reproducing apparatus also being operable in a video mode in which the reproducing apparatus reproduces the AV data to display the AV picture without reproducing the interactive data;
reading a startup file of the interactive data, the startup file comprising language information indicating a language used with identifying the plurality of different natural languages of the additional contents contained in of the interactive data;
reading the language information from the startup file;
determining which one of the plurality of different natural languages identified by the read language information is the same as a natural language identified by player language information stored in the reproducing apparatus;
selecting and reading a portion of the interactive data made with the comprising additional contents in the one natural language that is the same as the natural language as identified by the player language information set information stored in the reproducing apparatus; with reference to the read language information; and

interpreting and executing the read portion of the interactive data to display the interactive picture, the interactive picture displaying the additional contents in the one natural language that is the same as the natural language identified by the player language information stored in the reproducing apparatus; and

reproducing the AV display to display the AV picture embedded in the interactive picture, wherein the reading the language information comprises:

- opening a startup file first read when the interactive mode is selected; and
- reading the language information from the startup file.

2. (Canceled)

3. (Currently amended) The reproducing method of claim 1, wherein the reading of the language information from the startup file comprises reading from the startup file language information recorded using an element linking a loading information file included in of a corresponding enhanced audio-visual navigation (ENAV) application, of the interactive data, from the startup file.

4. (Currently amended) The reproducing method of claim 1, wherein the reading of the language information from the startup file comprises reading from the startup file language information indicating respectively the language identifying a plurality of different natural languages used in a plurality of enhanced navigation (ENAV) applications of the interactive data, each of which includes comprises substantially similar additional contents and is made with but in a natural language that is different language from natural languages of additional contents of the other ENAV applications, in order to reproduce AV data in the interactive mode, from the startup file.

5. (Currently amended) The reproducing method of claim 1, wherein the selecting and reading the interactive data determining of which one of the plurality of different natural languages comprises finding reading the player language information set information stored in the reproducing apparatus from a system parameter table stored as a system parameter in the reproducing apparatus in which the player language information is stored as a system parameter.

6. (Currently amended) The reproducing method of claim 1, wherein the selecting-and reading-interactive data determining of which one of the plurality of different natural languages comprises finding reading a system parameter SPRM 0 as player language information that is set according to a DVD-Video standard that is stored in the reproducing apparatus as the player language information stored in the reproducing apparatus.

7. (Currently amended) The reproducing method of claim 3, wherein the selecting-and reading-reading of a portion of the interactive data comprises reading ENAV files belonging to the corresponding ENAV application with reference to a loading information file informing indicating location information of the ENAV files belonging to the corresponding ENAV application.

8. (Currently amended) The reproducing method of claim 3, wherein the reading the language information further determining of which one of the plurality of different natural languages comprises:

comparing the read language information with the player language information; and
selecting one among one ENAV application from a plurality of ENAV applications based on a result of the comparing.

9. (Currently amended) The reproducing method of claim 3, wherein the reading of the language information further comprises parsing the language information recorded using the element linking the loading information file included in of the corresponding ENAV application.

10. (Currently amended) The reproducing method of claim 9, wherein the reading of the language information further comprises parsing the language information recorded in an element that stores a condition selecting a linked loading information file, included in the element linking the loading information file.

11. (Currently amended) The reproducing method of claim 8, wherein the reading of the language information further comprises parsing the language information recorded using a

"name" property and a "value" property in an element that stores a condition selecting a linked loading information file, included in the element linking the loading information file.

12. (Currently amended) The reproducing method of claim 8, wherein the reading of the language information further comprises parsing the language information recorded using a "name" property and a "value" property in the element linking the loading information file.

13. (Currently amended) The reproducing method of claim 3, wherein the reading of the language information further comprises parsing the language information recorded in a language code with two characters according to an ISO 639 standard.

14. (Currently amended) A method of reproducing audio-video (AV) data and enhanced audio-visual navigation (ENAV) data from an optical disk using a reproducing apparatus, the method comprising:

detecting enhanced audio-visual (ENAV) data on the optical disk when selecting an interactive mode is selected from a plurality of modes comprising the interactive mode and a video mode, the interactive mode being a mode in which the AV data is reproduced to display an AV picture and the ENAV data is reproduced to display an interactive picture in which the AV picture is embedded, and the video mode being a mode in which the AV data is reproduced to display the AV picture and the ENAV data is not reproduced;

reading language information from a startup file of the ENAV data on the optical disk, the language information identifying a plurality of different natural languages used in the ENAV data;

determining which one of the plurality of different natural languages identified by the read language information is the same as a natural language identified by player language information stored in the reproducing apparatus;

selecting reading a portion of the ENAV data based on the read language information a result of the determining, the read portion of the ENAV data being in the one natural language that is the same as the natural language identified by the player language information stored in the reproducing apparatus;

executing the selected read portion of the ENAV data to display the interactive picture;

and

~~reproducing corresponding audio-visual the AV data from the optical disk to display the AV picture embedded in the interactive picture, together with the selected ENAV data;~~

15. (Currently amended) The method of claim 14, further comprising: ~~wherein the determining of which one of the plurality of different natural languages comprises:~~
reading the player language information from a system parameter table stored in the reproducing apparatus; and
~~comparing the read language information with a information with the read player language information, stored in a system parameter table.~~

16.–17. (Canceled)

18. (Currently amended) A method of reproducing ~~audio-visual~~ audio-video (AV) data in an interactive mode supported by interactive data associated with the audio-visual AV data, the ~~interactive data comprising a plurality of interactive data respectively corresponding to a plurality of different natural languages,~~ the method comprising:

selecting an interactive mode from a plurality of modes comprising the interactive mode and a video mode, the interactive mode being a mode in which the AV data is reproduced to display an AV picture and the interactive data is reproduced to display an interactive picture in which the AV picture is embedded, and the video mode being a mode in which the AV data is reproduced to display the AV picture and the interactive data is not reproduced;

reading language information specifying the from a startup file of the interactive data, the language information identifying a plurality of different natural languages of the plurality of used in the interactive data;

reading one of the plurality a portion of the interactive data corresponding to a selected that is in one of the plurality of different natural languages specified identified by the read language information that is the same as a predetermined natural language; and

interpreting and executing the read one read portion of the plurality of interactive data to display the interactive picture.

19. (Currently amended) The reproducing method of claim 18, further comprising ~~reproducing a portion of the audio-visual AV data to display the AV picture embedded in the~~

~~interactive picture~~, associated with the interpreted and executed one of the plurality of interactive data.

20. (Currently amended) The reproducing method of claim 18, wherein:
the predetermined natural language is a natural language that is identified by player
language information stored in a reproducing apparatus; and

the reading of ~~one of the plurality~~ a portion of the interactive data comprises:
selecting ~~determining which~~ one of the plurality of different natural languages
specified ~~identified~~ by the read language information that ~~is the same as a~~ is the same as the
natural language specified ~~identified~~ by the player language information stored in ~~a the~~
reproducing apparatus; and that is performing the method; and

reading ~~one of the plurality~~ a portion of the interactive data corresponding to the
natural language specified ~~identified~~ by the stored player language information.

21. (Currently amended) The reproducing method of claim 20, wherein the natural
language specified ~~identified~~ by the stored player language information is a natural language
~~that was specified~~ by a user of the reproducing apparatus.

22. (Currently amended) The reproducing method of claim 20, wherein the natural
language identified by the stored player language information is language information specifying
a natural language of a menu of the reproducing apparatus, or a natural language of an audio
stream to be reproduced by the reproducing apparatus, or a natural language of a caption to be
reproduced by the reproducing apparatus, or a natural language of a portion of the interactive
data to be read in the reading of ~~one of the plurality~~ a portion of the interactive data.

23. (Currently amended) The reproducing method of claim 18, wherein:
the interactive data further comprises: a plurality of loading files respectively
corresponding to the plurality of different natural languages ~~of the plurality of~~ used in the
interactive data, each of the loading files ~~specifying identifying~~ an interactive data file
corresponding to a respective one of the plurality of different natural languages; languages; and

~~a startup file listing lists~~ the plurality of loading files in association with the language information identifying the plurality of different natural languages ~~of the plurality of used in the interactive data;~~

~~wherein the reading of the language information comprises reading the startup file and identifying the interactive data file corresponding to each of the plurality of different natural languages of the plurality of used in the interactive data; and~~

~~wherein the reading of one of the plurality a portion of the interactive data comprises reading the interactive data file identified in the reading of the language information as corresponding to the selected one of the plurality of different natural languages that is the same as the natural language identified by the player language information stored in the reproducing apparatus.~~

24.–25. (Canceled)

26. (New) The reproducing method of claim 1, wherein the startup file and the language information are not read in the video mode.

27. (New) The reproducing method of claim 14, wherein the language information is not read from the startup file in the video mode.

28. (New) The reproducing method of claim 18, wherein the language information is not read from the startup file in the video mode.